

April 6, 2017

Ex Parte

Marlene H. Dortch, Secretary
Federal Communications Commission
445 12th Street SW
Washington, DC 20554

Re: Notice of Oral Ex Parte: Revision of Part 15 of the Commission's Rules to Permit Unlicensed National Information Infrastructure (U-NII) Devices in the 5 GHz Band, ET Docket No. 13-49

Dear Ms. Dortch:

On April 6-7, 2017, Gary Wong, Bob McMohan, and I of Broadcom, and Paul Caritj of Harris Wiltshire Grannis, met with Rashmi Doshi, Reza Biazaran, and Dusmantha Tennakoon of the Office of Engineering Technology (OET) to provide two DSRC prototypes that are configured to operate in 20 MHz configurations in proposed Channels 173 and 177. Broadcom also provided a software update to the prototypes that it had already delivered to FCC to enable those devices to modify their Enhanced Distributed Channel Access (EDCA) parameters upon detection of DSRC co-channel traffic.

Broadcom's software provided five EDCA parameter settings for the FCC to test while operating co-channel with DSRC:

CWmin	CWmax	AIFSN	Max TXOP
15	1023	3	0
15	1023	6	0
31	1023	6	0
31	1023	8	0
31	1023	10	0

These modes represent a range of different co-channel settings. Testing each of these modes will help to ensure that the Commission has the information it needs to consider a variety of scenarios in the 5.9 GHz band.

Pursuant to the Commission's rules, a copy of this notice is being filed electronically in the above-referenced docket. If you require any additional information please contact the undersigned.

Sincerely,

/s/ Christopher Szymanski
Christopher Szymanski
Director, Product Marketing and
Government Affairs

cc: meeting participants